

ABSTRACT

In a rotation transmission device, a first planetary gear mechanism has a first gear, a second gear, a first planetary gear body, and a first carrier body. A second planetary gear mechanism has a third gear, a fourth gear, a second planetary gear body, and a second carrier body. The ratio of the pitch circle diameters of the third gear, fourth gear and second planetary gear body is the same as the ratio of the pitch circle diameters of the first gear, second gear, and first planetary gear body. The connecting element that is the first gear, second gear or first carrier body is adapted to be rotated integrally with an element corresponding to the connecting element. A first base body side element is connected to the first base body, and a second base body side element is connected to the second base body. Rotation is transmitted between an element corresponding to the first base body side element and a first rotary body, and rotation is transmitted between an element corresponding to the second base body side element and a second rotary body.